

MINE SITE VISIT REPORT
New Mexico AML Program

Date of Visit : August 22, 2007 **Weather :** Sunny, hot, windy 95°
Mine/Project Name: T- 20 Mine – Northwest of Grants, New Mexico
Duration of Visit : 1.0 hour (11:00 am to 12:00 pm)
Purpose of Visit : Maintenance inspection to the T-20 mine, part of the legacy site assessment for AML project sites.
Observations : Travel to the project site; access to this site was from the west, walking from Haystack Road. Location: T.13N., R.9W., Sec. 30, SE1/4, NW1/4, SE1/4 (1 shaft) Dos Lomas Quad. N3912360 E243020 Uranium Mine. This site is located on BLM land.

Signs of human activity were not recent. Vegetation is similar to undisturbed areas except waste piles that have less vegetation. Land use appears to be limited grazing for cattle but not recently. Previous reclamation of the shaft has subsided about nine feet. Total site area is approximately six acres. The nearest residence appears to be over 1-mile away in the southeast direction.

Background radiometric levels of 20 $\mu\text{R/hr}$ at 1-meter and ground level were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken on Haystack Road. The overall waste and ground within the middle portion of the disturbance area have radiometric levels of 100-314 $\mu\text{R/hr}$ at 1-meter and 157-357 $\mu\text{R/hr}$ at ground level. The highest readings, near the shaft opening, were 429 $\mu\text{R/hr}$ at 1-meter and 543 $\mu\text{R/hr}$ at ground level.

This site has areas of mounded waste, some metal mining debris. There is an arroyo along the northeast edge of the site heading southeast towards the main county road. For complete details see topographic GPS info using the MapGuide map found at http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm

Further action recommended to mitigate radiometric levels. The only safety concern at this time is the subsided shaft that needs to be backfilled.

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MSV Written:	August 28, 2007 – for files.	CC:	John Kretzmann, Karen Garcia and files.

Photos:



Waste Piles Looking Northwest



Mine Shaft Subsided Looking East



Mine Waste Metal Debris Looking South